

# DX News

•Serving DXers since 1933•

Volume 61, No. 7 - November 15, 1993 (ISSN 0737-1659)



## Inside...

1. *Ad Scribes*
2. *DDXD*
3. *DDXD*
4. *DDXD*
5. *Now and Then*
6. *NRC Financial Statement*
7. *GDXA*
8. *Professional Sports Nets*

9. *One-ship Active Whips*
10. *BEFA Amp Card*
11. *South Lee DXpetition*
12. *Formals*
13. *KTS-803A Mails*
14. *Now and Then*
15. *Hastings*
16. *College Sports Nets*

## CPC Test Calendar

Call	Freq.	Date	EST Time
KDAL	610	Nov. 15, 1993	0100-0130
WXYT	1270	Nov. 15, 1993	0130-0200
KLIT	1560	Nov. 20, 1993	0100-0200
KWSU	1250	Nov. 20, 1993	0300-0400
KROE	740	Nov. 21, 1993	0100-0200
WILY	1210	Nov. 21, 1993	0230-0300
KCCS	1220	Nov. 22, 1993	0330-0900
WPIE	1500	Nov. 22, 1993	0530-0600
WGFA	1150	Dec. 5, 1993	0230-0300
KXXY	1340	Dec. 5, 1993	0100-0130
WAJR	1440	Dec. 6, 1993	0000-0400
CXX	1150	Dec. 6, 1993	0300-0330
WJSM	1110	Dec. 11, 1993	0000-0100
WNZ	910	Dec. 13, 1993	0100-0130
WDA5	1490	Dec. 20, 1993	0100-0200
KWNC	1370	Dec. 20, 1993	0300-0330
KVON	1440	Dec. 27, 1993	0300-0330
WOC	1420	Jan. 17, 1994	0130-0230

**WILY-1210** - P.O. Box 528 - Centralia, IL 62801 will conduct a DX test between 2:30 and 3:00 am EST Sunday, November 21. The test will consist of Bealtes to music, CD's, and VLD's. Send reception reports to Mr. Eric C. Decker. Arranged by the National Radio Club CPC.

**KCCS-1220** - 4303 Market St. NE - Salem, OR 97301 will conduct a DX test between 3:00 and 9:00 am EST Monday, November 22. The test will consist of their regular Christian music format with Morse code ID's. Reception reports may be sent to Mr. Dan Sheets. Arranged by the National Radio Club CPC.

**WPIE-1500** - 90 Kay Avenue - Milford, CT 06460 will conduct a DX test between 5:30 and 6:00 am EST Monday, November 22. The test will include Morse code, tones, and religious music. Reception reports may be sent to Mr. William Barnett, N1NKA, Chief Engineer. Arranged by J. D. Stephens for the IRCA.

## CPC

*From the Publisher ...* Members who enjoy technical projects will enjoy Mark Connelly's article, not to mention his extensive bandscan, in this issue. Conditions seem to be better early this year than for many years, and if you haven't started your DX season yet, why not reach over and switch on the radio and join the dozens of other DXers who've reported in this issue! And thanks to David Lewis of KC who dropped by Sunday afternoon, November 7, to give me moral support while I laid this issue out. Finally, don't forget Ray Arruda's and John Tudenhams DX GTC's on the weekend of November 20; check previous DXN's for details.

*Welcome to these new members ...* Kevin Brotopols WA0WFB, San Francisco, CA; Kevin Guarnier, Hamden, CT; Terry Koch, Glenpool, OK; Edward W. Lewis, Jr., San Pablo, CA; Dave Onley, Victoria, Australia; Alan P. Biddle, Franklin, TN; Jim Clary WB9HJH (reprints), Jackson, NJ; Jim Gilinsky, Peoria, IL; and Jerry Sanderson N3GON.

Finally, in an IDXA update, Frank Wheeler, Erie, PA notes: "Noticed Holland started the same year I did, in 1931, 62 years of PCB DX'ing. We started, when we were 16, I was 80 years old Mar. 9, 1993, and married 52 years May 14, 1993, to the same wife, and only one, hi!" Many more years of fun to you, Frank!

## DX Time Machine

*From the pages of DX News:*

50 years ago ... from the Nov. 13, 1943 DXN: Dick Cooper, Kitanaling, PA reported that ZNS, Nassau, had been completely covering WHKC-640 in the early evening. He also heard a Mexican station signing off nightly at 12:05 am; the call was XEERL, but the location was unknown.

25 years ago ... from the November 16, 1964 DXN: Len Kruse arranged DX tests from WWAM-1370, Cadillac, MI; KCON-1300, Tulsa, OK; and WPHM-1360, Port Huron, MI.

10 years ago ... from the November 14, 1983 DXN: The FCC voted to allow dual-city ID's as long as the city of license was given first.

# witch

**Jerry Starr**  
c/o WHOT Radio  
4040 Simon Road  
Youngstown, OH 44512-1320

es in AM stations, supplied by the FCC and listeners

New call:

CA	Indio	KRRO
CO	Colorado Springs	KTNK
IL	Chicago	WAVP
KY	Louisville	WDAJ
CA	San Jose	KKSJ
TX	Rollingwood	KJCE
TX	Beaumont	KZXT
CA	Indio	KBZT
VA	Herridon	WASE
PA	Annville-Cleona	WWSM*
TN	Nashville	WABO
a silent station, new call may signal its return.		



5/00 NEW CHAPEL HILL ROAD  
RALEIGH, NC 27607

GRANTS FOR NEW STATIONS

FROM EXISTING FACILITY

V Beckley: reduce powers to 4500/470 watts

TING FACILITY

A Tazewell: relocate transmitter site

I Zealand: silent station is ready to return to the air with CSN children's programming  
Lebanon: silent station is ON THE AIR, they relayed WABO-1160 for a few weeks but now relays

## Domestic DX Digest

West: Bill Hale

495 Creekview Drive • Meridian, ID 83642-3241

East: Dave Braun

11 Mill Bend Acres • Wyoming, DE 19934-9523

*DX Catches in the U. S. and Canada, with 24-hr.*

(Distortion line is between East and Central time zones)



DDXD-W

WANN, Inc. • P.O. Box 18174 • Tulsa

**CNRADIO**  
1070AM

MEDIUM WAVE RAMBLINGS



- Good to hear from John Wilkins out of Wheat Ridge, Colorado after many months name appears frequently in the Graveyard listings, and promises to report often DDXD-W. Also, a big DDXD-W WELCOMES goes out to Bob Karchevski from Sunnyvale, California and John Tudenhams who DXes from Joplin, Missouri contributions appear here this week. Good to hear from all of youse guys!
- Speaking of the Graveyard Logs, now that we've opened things up to reflect two holders where the most distant is not from North America, I expect to hear from DXers. Just go over old issues of DX News, or wait for the listings to appear Year, and if you think your Graveyard logging may claim the NA record, send it need to figure the mileage, as my trusty computer does that. However, if you it beaten path . . . somewhere that I can't find on a map . . . let me know exactly your burg.
- Mike Hawk of Omaha clarifies what may be a big ? in your Log concerning the KOIL/KKAR CL switch. The official swap was about 8/1/5. While IDing as A was still KOIL. Now they are KKAR and Newsletter 1290.

# UNIDS and UNID HELP

- 10/15 2158 - Someone here with Detroit Red Wings HKY. My Wings radio list for '92 does not show an affiliate on 1440. (RD-1A)  
 - 10/15 2201 - Fair with high school football. One of the teams is Oak Grove. Rand McNally doesn't help me out here. Maybe someone out there can. (RD-1A) [They do list Oak Groves in AL, GA, IL, KY, LA, and OR and a couple are reasonably close to cities with 1440s - Ed]  
 - 10/15 2201 - Two stations, one in BE and the other in SS. Capriola - 10/26 0200 - Heard with 1440s - Ed]  
 The EB had modern rock and ID heard *The Underground, KMBY 1540* but never gave a city. Also promoted their coverage of next San Jose Sharks game. Looks like K1AV has changed calls. Poor. (RK-CA)

## DX AND EQUIPMENT TESTS

Jackson - 10/24 - Not heard. Just XEWA/CBK/WSTH. (EB-MO)  
 Lagrange - 10/17 0000-0030 - Tried for, but only heard a mush of WY2S/WTNM and various others. (RD-1A)  
 York - 10/23 0100 - Heard with very slow CIDs (less than 5 wpm): WY2S - *fade in York, Alabama test test...* (MH-NB)  
 York - 10/23 0100-0130 - Not heard. (MS-CA)  
 Miles City - 10/25 0330-0400 - Heard with crisp signal thru KKOOR Mexican. CIDs and music. (MS-CA)  
 Miles City - 10/25 0329 - Good-to-fair in WABC null with KATL radio ID, mention of ET and high power operation, AC music, gave MDT C, local weather conditions and legal ID at 0331, CIDs, Colombia in later with UC. (EB-MO)  
 Miles City - 10/25 0330-0400 - Woke up to a loud and clear CID. Legal was flutery on longwire and perfect on SH-1... both S9+10. Lots of CCA test mentions... lost in shuffle after power cut. First Montanan... (RS-MO)  
 Columbia - 10/12 0200-0300 - Didn't hear a trace. Thought this one would rule the channel. (RD-1A)  
 Welch - 10/11 0007-0027 - Fair with CIDs and one VID noted. Nice tie back on 10/23. (RD-1A)  
 Cambridge - 10/25 0146-0159 - Weak with some CIDs noted during time frame. Let new station from MA in some time. (RD-1A)

680 KNBR  
 700 WLW  
 800 KSOS  
 830 CKKY  
 880 WINU  
 920 WRBA  
 960 CFAC  
 990 KATD  
 KATD  
 KATD  
 KWAM  
 1090 CKRX  
 1210 KONY  
 1240 KICD  
 1340 KDBN

CA San Francisco - 10/25 0405 - Good over others with spo  
 KNBR 68 - The Sports Leader ID, ad for boxing video and into  
 Talk. (EB-MO)  
 OH Cincinnati - 10/25 0449 - Faded up over KQKE with ro  
 and ID: *The Big One - 700 WLW*. C&W music by female. Natu  
 weather at 0455 followed by station promo. (MS-CA)  
 UT Brigham City - 10/21 0525 - Good with weather and ID  
 KSOS 800 into older instrumental. (MS-CA)  
 AB Weinwright - 10/23 0104 - Ad mentioning *Just a short p  
 Edmonton*. Don't who else it could be. Equal with WCCO. (M  
 IL Highland - 10/15 0718 - Barely over QRM with local ad  
 program. Heard later with legal ID at 0759. New for IL #22. F  
 was off at the time. (JW-CO)  
 IN West Lafayette - 10/9 0705 - Over/under probable WMR  
 Monitor Radio News, then ID and weather for West Lafayette.  
 AB Calgary - 10/4 0650 - Loud in KOOL null (KOVO off)  
 Calgary's own country, CFAC. Ad for a Patsy Cline Home Vide  
 music, satellite forecast. (MS-CA) [What's a "satellite forecast"  
 of which they will pass over 10p? - hi - Ed]  
 CA Pittsburgh - 10/11 0400 - With IDs as *Contra Costa Cou  
 Soft rock hits by Peter Cetera and Todd Rundgren*. Announce  
 Michaels gave sports scores at 0438. Request line is 510-674-0999  
 CA Pittsburgh - 10/15 0105 - The new 990 KATD heard in K  
 AOR-type music. Ex. K.K.S. (JW-CO)  
 TN Memphis - 10/25 0528-0531 - With offer for... free, fr  
 (?) program with no caffeine, no chemicals, no preservatives (see  
 320-7830. Local DJ: *When you call, mention you heard it right  
 KWAM*. Strong signal for 450 watts. No power-down at LSS?  
 AB Lechbridge - 10/17 0139 - The money is in the music co  
 call ID. Fair under local KYBC, which was about 90% nullified.  
 (JW-CO)  
 UT Washington - 10/26 0654 - Fair with two IDs within a f  
 C&W. Under KEBR, 1st-time heard. (JW-OR)  
 IA Spencer - 10/11 0106 - With area weather. AM/FM sign  
 Pool in QRM. (JW-CO)  
 CO Denver - 10/24 0115 - Thought I heard an ID several tim  
 local ad confirmed my suspicion. (MH-NB)

**Brush - 10/30 0922** - Excellent with an ad for East Morgan Furniture downtown Fort Morgan into promo for CSU Ram Football on some network, mentioning many sponsors, then promo for Fort Morgan (maybe) High School volleyball ⇒ Beach Boys oldie. [Ed.-ID]  
**Festus-St. Louis - 10/16 0835-0900** - Good with Money Talk program, numerous Financial Resources of America ads, ID as KXEN Festus-St. Louis - Praise Radio 1010, inspirational praise for St. Louis Community spotlight program. (MD-TX)  
**Waco-Martin - 10/17 1302-1332** - Weak with USA News, ID Use waco-address and support the gospel on 1010 KBBW. Weekend program. (MD-TX)  
**Dallas - 10/17 1332-1355** - Fair with ID, gospel music and announcements for Spotlight on the Metroplex programs on Sunday. (MD-TX)

**Greenville - 10/26 0856-0901** - With PSA on High Levels of Radon Radiation in your Home can be Serious. For more information call 1-800-OSCARADON, a message of service from KGYL. Stay tuned to KGYL, the people's 72 and 72 News ⇒ ABC News. Last logged 8/23/87. (JB-TX)

**1600 TO 2400 HOURS ELT**

**Lexington - 10/21 1925-1929** - Weak with This is WKMI 620 ID, and an unusual program Medical News from the Supermarket Tabloids. (MD-TX)

**Jackson - 10/21 1932** - Real weak, in briefly after WKMI faded out with ID: With Mike 96, there's more fun... (MD-TX)

**Montgomery - 10/19 1955** - Good-to-fair with gradual fades with car report into World Series, but rain delay resulted in NOS. Alone again at 2015, then QRM when receiver turned 90° toward KTRH. Gone at station change, 1st time here via SSS. (JBL-MO)

**Sherwood - 10/15 1830** - Weak with part of REL song and then It's 30 at KMTL and then faded out. (MD-TX)

**Waukegan - 10/23 1930** - Ad for The Comedy Challenge Sweepstakes to sign of usual KQAD. (MH-NE)

**Magye - 10/15 1900-1930** - Strong with end of program about abortion and President Clinton's health plan, ID Gospel music all the time on WIC More gospel music, then 81 Gospel WIC with Steve Walker ID

**1210 WGSF** TN Arlington - 10/26 1921 - Very good with AM 1210 WG Any Grant song. Most likely the same station that signed off at VERY LONG, overtrough version of the SSB. (RD-1A)  
**1250 KOPC** AR Fayetteville - 10/18 2025 - Local weather forecast heard the usual garble. ID at 2026. (MH-NE)  
**WGL** IN Fort Wayne - 10/8 2126 - Fair with mentions of Fort W high school football broadcast. (RD-1A)  
**KWSU** WA Pullman - 10/25 1800 - Poor with Public Radio promo, ID. First time heard. Have been looking for this one as I was a when Washington State University was Washington State College  
**1270 KTFI** ID Twin Falls - 10/25 1934 - Fair with ID, talk about preventing drug abuse and ⇒ Manitow oldie. (TW-OR) [Although they a SMN satellite, I would call the format NOSOLD, not just NOS Log. Weekdays they seem to be NOS, but at night and on weeks seem to go more OLD. Will investigate further - Ed.]  
**1330 WFTN** OH Findlay - 10/19 2312 - Fair-to-poor with World Series game. Mentioned Hancock Company on station break/ID. New. (TR- KY Fort Campbell - 10/15 2133 - Good with Fort Campbell high school football. Ad heard for Pikeville business. (RD-1A)  
**1370 WARD** IN Goshen - 10/15 2155 - Fair-to-good with Goshen vs W high school football. (RD-1A)  
**1460 WKAM** MN Fosston - 10/1 2230 - BOMBING IN with Fosston vs R school football. (RD-1A)  
**1480 KKCQ** TN Nashville - 10/19 2335 - Good with reading out of book (TR-IL)  
**1510 WLAC** SC Bennettsville - 10/19 2300 - Fair with legal ID, also met Rockingham, North Carolina. With black, Southern gospel music logging. (TR-IL)  
**1550 WBSC** ON Windsor - 10/19 2357 - Poor with promotion for a show CBC 1550 Windsor ID. (TR-IL)  
**1560 WQEW** NY New York - 10/19 2339 - Fair with oldies. (TR-IL)

**REPORTERS**

**1W-CO** John Williams Wheat Ridge, CO Drake R-8 + 4' box loop  
**TR-IL** Tom Reiser Chicago, IL Sony ICF-2003 with built-in antenna  
**KO-IL** Ken Owsychuk Stager, IL CB Superadio -2885F  
**MS-GA** Mike Sanburn Bellflower, CA  
**GL** Glennalle

KCA  
P  
O

## DDXD-East

### NEWS AND VIEWS

this week! Perhaps everyone was excited to contribute after catching the KATL-770 sign, thanks to all for keeping my little fingers busy. And welcome to the portions south and DDXD-North gangs as they join the newly aligned DDXD-East.

DD help from Edward Scule of Florence, AL and Doug Smith of Nashville, TN, in regard to Bill Hale's Business Radio Network affiliate list showing a "WENL-KY; and no station (AM or FM) in the Nashville area carries BRN. With the still good (though they've been off for two years) a 1410 in the immediate area

request this time, I will publish full addresses of any contributor who requests it. That request each time you submit loggings, as I will not be able to remember your

1200 on last Sunday night, the note regarding a LSS Sunday sign-off in the log entry about some recent mail problems leading to a DXXN for which I had done a journey about a week after mailing! I and the post office seem to have Should all be past us now, and with the great conditions everyone is experiencing,

### SPECIAL

**Orangeburg** - 10/1-2210 - Very good at times under/over mess topping 3AG with local high school football game, ads, "News Talk Radio 1250 WJZS" First time heard, called station and they were elated to reach so far north! Most on day power, no sign following 2 weeks! New - report sent! Address: 178 Middleton Street, 29115 and v/s Jay Michaels, PD. Also carries UPI news and wants move to 1750 kHz! (JM-PA) (Address different than in AM Log. 1750T - db)

**Newburgh** - 10/22 1905 - Ex-1220 now on 1200. (ES-ND)

**Shamokin** - 10/25 0300 - With UPI news, "For information on delays and messages, look your dial on AM 1480 Shamokin". OK, dials locked - now what? (ES-Back on the air, AM Log shows them as silent - db)

**Crawfordsville** - 10/15 1325 - ID into CW music. First timer. (MB-IN) (AM shows them as AC - db)

**Travelers Rest** - 10/16 and 10/19 1855-1930 - Good over mess with CNN news "News Talk serving the Greenville area" Sign-off at 1930. 10/20 1855-1928 -

WYLS

WYLS

WYLS

WYLS

760 KRZN  
770 KATL

KATL



POST OFFICE BOX 1120  
EDGE CREEK ONION 97440

KATL

KATL

KATL

AL York - 10/23 0100-0130 - Easily topped WMAQ/Cuba with voice and extended code ID periods. (SF-TN)

AL York - 10/23 0100-0130 - In good on my Walkman with code, tones and some voice for AL #3 in VA. Just missed end of code at 0130 heard "Good evening everyone, WYLS is" <fade>. At 0110 he repeated around 10 times in morse code. (JK-VA)

AL York - 10/23 0100-0130 - Slow code IDs at 0103, 0109, 0119 and used a tone that was at a lower pitch than the standard 1 kHz. This ID's much easier to hear under a dominating WMAQ. (JL-OH)

AL York - 10/23 0000-0030 - Fair, at times good, in WMAQ null, but from Cuba. Code IDs, voice IDs, polkas, address and phone number report sent! (JM-PA)

CO Thornton - 10/4 - Not tried, notified too late. (RA-MA)

MT Miles City - 10/25 0330-0353 - Poor but audible under WABC w voice ID at 0349½ and three 90 second periods of code IDs at 0331-4 0343½, and 0350-0351½. Nothing heard after 0353. MT #2 and be this season! (RA-MA)

MT Miles City - 10/25 0331-0352 - Heard with very weak code IDs 0331:18, 0342:06 and 0349:58. The last two were 1:17 in duration, in at 0332:25 to a striking *Eiza Minnelli* vocal on a WABC promo. Son even made it when the WABC caller would pause between words: "Y to KATL radio" at 0341:50 and "...for the international radio Club o at 0351:26. They may have been the source of the records by *Jennifer Turfles* and *Aaron Neville* noted before 0340. Only my third MT ever in 13 years! (SF-TN)

MT Miles City - 10/25 0330-0400 - Heard on scheduled test with code it through WABC, suspected Cuban and UNID talk program. Poor enough for positive code ID. Taped report sent. (MH-NC)

MT Miles City - 10/25 0330-0400 - In fair-good on the Sony FD-55 0332:30, 0342 and 0349. Heard "KATL" and possibly "MILES C several times at each time noted in medium pitch morse code. WABC to be running full 50 kw or was partially absorbed during aural call SS UNID QRM. Not bad for 10 kw. Thank you J.D. Stephens and t

MT Miles City - 10/25 0330-0400 - Code IDs at 0331, 0342 and 0350 WABC. (JL-OH)

# 0000 to 0800 ELT

TN Portland - 9/27 0000-0130 - Tentative with periods of TT and/or code IDs under WXYT. Code IDs possible at 0024, 0045 and 0100, but not sure if it was them. Nothing heard after 0130. (RA-MA)

KS Arkansas City - 10/11 0400-0500 - Zzzzz. (JK-VA)

MA Waltham - 10/25 0128-0155 - Weak signal even though 50 miles from here with what sounded like 400 Hz TT and IDs in voice, code and phonetic. Code IDs transmitted at 0133/4, 0146 and 0153. (RA-MA)

MA Waltham - 10/25 0130-0200 - Extremely faint 1 kHz TT, voice ID and code ID at 0145. Last 18 minutes alternated between code IDs and TT's at 400 Hz. Weak over/under UNID talker. (JL-OH)

MA Waltham - 10/25 0133-0200 - Maybe there with tones way under WWRV. (PRM-NY)

MA Waltham - 10/25 0130-0200 - Tough with local WHAZ (fluctuating in and out with 49 wats) and WWRV, only heard 3 sets of code IDs. (AQ-NY)

MA Waltham - 10/25 - Periods of 800 Hz TT noted real weak in WWRV null. If on, KATL was better. (DS-DE)

MA Waltham - 10/25 0130-0200 - At first I reported this as unheard, but tape excerptly revealed frequent periods of a cheeping, on-and-off sound (sounding something like katyids) way under WFBG. Too slow and high-pitched to sound like the code IDs on other DX tests, but not sure what else it could be. I'm keeping the tape until I see what closer members report. (SF-TN)

MA Waltham - 10/25 0130-0200 - Possibly some TT way under WWRV, but nothing identifiable. (DB-DE)

MA Waltham - 10/25 0130-0200 - No sign, listened entire time listed, were they on? Only WFBG. (JM-PA)

MA Waltham - 10/25 0130-0200 - Dozed off, so missed test. Luckily I woke up in time for KATL. (JK-VA)

CA Napa - 10/11 0300-0330 - Zzzzz. (JK-VA)

SC Lancaster - 10/18 0300-0330 - Mostly dominant, strongest at 0300, matches/voice ID's/code. Called in and acknowledged on air. (AQ-NY)

SC Lancaster - 10/18 0300-0330 - Unneeded, zzzzz. (JK-VA)

GA Columbus - 9/25 - Not heard at scheduled times. (RA-MA)

## UNID AND UNID HELP

9/25 0228 - RE: JK-VA's UNID on 9/5: Probably is indeed Memphis. The FM station has moved to 94.1 and is using the slogan *Froggy*, with a country format. I

550 WLWA

640 WBOW

740 KRMG

KRMG

750 CKGB

790 WMRZ

800 CJRQ

850 KOA

860 KONO

910 WORD

WEPG

WWWR

920 KARN

KARN

OH Cincinnati - 10/28 0516 - Weather given for many cities around then local ads and ID, then back to talk show, maybe *America in the Night* time heard since call change. (DB-DE)

IN Terre Haute - 10/20 0122 - Briefly good over WGST with Unistar "640 WBOW" drop-in after *Dean Martin* song. (SF-TN)

OK Tulsa - 10/25 0150 +- - In very strong at 0200 with "Listen to 740 your station for news, traffic, weather and fun". (JK-VA)

OK Tulsa - 10/25 0408 - "News Radio 740, KRMG." Way alop w news, ID, "Talk of Today". (DS-DE)

ON Timmons - 10/25 0422 - Good in WSB null with ID during CW in after KATL test, not in "Zland" yet! (JM-PA)

FL South Miami - 10/30 0619 - Heard weather forecast giving a hi 80's, nobody else in the country was surprised to be that warm that trampled by WLKW, no sign of usual WJAR. (DB-DE)

ON Belleville - 10/17 0648 - Is IDing as "Today's hot new country CO Denver - 10/25 0119 +- - Becoming a regular here. Good with "I Mile High City". At 0414 heard "Here's a caller from North Dakota, you're on 85-KOA". At 0436 "Depend on News Radio 85 KOA, Excellent conditions to the west! (JK-VA)

TX San Antonio - 10/24 0722 - Poor fair. (HM-OH)

SC Spartanburg - 10/19 0530 - Call letters barely heard in KYIS/P positive ID heard. (MB-IN)

TN South Pittsburg - 10/2 and 10/9 0015-0124 - Excellent most likely with high school football game for local team *Marion County Warriors* AR Little Rock #2. A new "K" call here in VA! (JK-VA)

Report sent! (JM-PA) (They were broadcasting a high school football Maybe for the kids on their latest! - db)

VA Roanoke - 10/17 0750 - Female group singing ID "WR" the voice IDs heard while trying to confirm new call (WVRH) of ex nothing heard from them. (RB-NC)

AR Little Rock - 10/17 0029 - In briefly with talk and "...here AR Little Rock #2. A new "K" call here in VA! (JK-VA)

with "Clark" somebody. (RB-NC)

AR Little Rock - 10/17 0723 - "News Radio 920 KARN" then into s

CT Bloomfield - 10/25 0224-0230 - Strong but fadey with reggae tunes, DJ Gary U. S. Byron said he's on every Monday morning 0000-0600. "All new 1550 AM WRDM." (PRM-IN)

ON Windsor - 10/17 0018 - In very loud, near local strength, which is very unusual for only 10 kw, with *The Blues Line*. (JK-VA)

## 9800 to 1600 ELT

MO St. Louis - 10/16 1200 - Legal ID "KSTL Saint Louis" into REL program. (MB-IN)

VA Blacksburg - 10/24 0802 - ID, poor. (HM-OH)

MO St. Louis - 10/16 1500 - Fair with ID into local ads and NOS music. (MB-IN) KY Henderson - 10/16 1530 - Fair to poor in WGNM null with ID into home racing news. (MB-IN)

NC Washington - 10/21 1315 - RE: DX News of October 18 and your 930 WRRF and WDLX 93.3. Just checked and not simulcasting now. No idea if they simulcast PPMs - too much QRM. However, as they're both owned by the same company, I suspect they were simulcasting for the hurricane. (MH-NC) (Thanks for the help, Mike - db)

IL Springfield - 10/16 1545 - Good to fair in WAVG null. ID into OLD music. (MB-IN)

## 1600 TO 2400 ELT

EL St. Petersburg - 10/23 2139 - In strong with "You're listening to Hurricanes football on 620 WSUN". (JK-VA)

SMS Richland - 10/24 1927 - Fair in WGN null with black gospel music to live sign-off saying "...we broadcast with 5000 watts of power, which covers an 80-mile range, with an extended range of 130 miles to the northwest". Maybe D3 then, instead of the listed D1? MS #95. (SF-TN) (I can't find Richland on a map to see if it may just be geography - db)

NY Charlotteville - 10/23 1807 - Good with *Jukebox Oldies* program, ID. (DS-DE) KY Champlain - 10/23 1814 - Alone on frequency with gospel music, sign-off with man and woman alternating. (DS-DE)

IL Crystal Lake - 10/16 1900 - Nicey atop with rock music, ID. (DS-DE) CT Hartford - 10/24 1905 - Good after network news (ABC?) normally dominant here. (MB-IN)

1170 KVOO

OK Tulsa - 10/23 2015+ - In local all evening and into the morning pattern. The signal was almost as loud as WVVVA usually is, and it was beamed this way, 59+ way over the top of WVVVA, with the "KVOO Saturday Night Barn Dance", *Ken Weaver's* commercials for *Prioriy Motors*, *Turmpike Subaru*, *Wells Western* requests and "The Radio Ranch KVOO". WVVVA's *Lamboree* buried! (JK-VA)

WVVA

WV Wheeling - 10/12 2121-2150 - Off and on the air, SS UN WVVVA also on very low power on 10/24. (JK-VA)

1190 WECC

GA St. Marys - 10/22 1900 - Religious talk to 1903, then excellent. (ES-ND)

1230 WERI

RI Westerly - 9/30 1902 - Way atop with local news, ID. Also 10 Standards. (DS-DE)

1240 WCNC

NC Elizabeth City - 10/24 1805 - Local news, sung ID, wealth (GVH-VA)

1250 WARE

MA Ware - 10/23 1718 - Alone with oldies, ID. (DS-DE)

1260 WCEO

AL Birmingham - 10/20 1914 - Up just above mess with weather return to talk, then gone. Slight splash from WTAE-1250. (JM-E)

WTJS

GA East Point - 10/20 1924 - ID up through mess then gone. 10/21 1260", promo and UC music, slight splash from WTAE-1250. (J

KTTS

MO Springfield - 10/25 1938-1943 - Good over mess with prom CW music, then gone to directional pattern change. Slight splash (JM-PA)

WNXT

OH Portsmouth - 10/11 2132 - In good, usual WWDG missing CW and "You're listening to American Country Countdown on W (JK-VA)

WNNO

TN Chattanooga - 10/20/21/22/25/27 1900-1915 - Almost autom 7 PM HDing "Chattanooga's Number One Adult Music Station", & ads, one night female DJ, others male. Sign-off 1915 mentioni studio, transmitter, tower - 1108 King Street, office address as 5000 watts non-directional. (JM-PA)

1300 WKCY

VA Harrisonburg - 10/22 1835 - "Country KCY", ads, commun music, very good. (ES-ND)

1360 WKMA

MI Kalamazoo - 10/17 1905 - ID, poor, WSAI nulled. (HM-OH)

1360 WSYB

VT Rutland - 10/23 1820 - Way atop with weather, oldies. (DS

1410 WTOP

CT Hartford - 10/24 1905 - Good after network news (ABC?) normally dominant here. (MB-IN)

AL Oxford - 10/15 2041 + - Excellent over/under CBI, almost clear channel. EZL music, many breaks mentioning "...your relaxing favorites... Calhoun County's good music station...your push button to happiness". Last heard one year ago, report sent! (M-PA)

AD Morningtide - 10/23 2021 - ID, poor. (HM-OH)

AD Plainfield - 10/23 1630 - In a real stew of stations, this one bubbled up with the weather, a call ID, a jingle ID and local ads. Faded in and out with office songs. On up at times with much QRM, but only 500 watts. (LK-ON)

AD Warwick - 10/21 1759 - Good over/under WERA with ID and talk. (PRM-NI)

## OTHER STUFF

A? - 10/25 0415-0500 - TIS with woman announcer. Mention of "National Wildlife Refuge"; a phone number of 331-2267, called using area code of 804 but couldn't understand "ID" on answering machine! Hours are 9 AM to 5 PM, and after hours are announced, there is the sound of seagulls. A recheck at 0800 and signal was still fading in/out. Woman with ID that sounded like KIE651, info same announcement, and fade. QRM as noted below and Anguilla. Fair level at peaks. Ideas, and maybe an address? Also one mention of "...Fish and Wildlife Service". (MH-NC) (When we went through the area last spring, KIE634 was the ID at the Chimoteague National Wildlife Reserve, everything else fits. By the way, it seems a lot of the east coast National Parks have IDs beginning with KIE... - db)

INID - 10/25 0415-0500 - TIS heard mixing with KIE651 during brief periods of fade in. Male announcer with mention of fees of \$15 per day for camping, \$1.25 for kids, and \$1.00 for "walk-in". Park hours announced as "open daily 8 AM to sundown". Possible ID: "This is ??? Park ??? Information (Station?) WPAT. (United States?) Recreational Area." Poor level. (MH-NC)

INID - 10/25 0700-0705 - Noted briefly with fade up over KIE651 and WPAT with announcement by woman. Sounded like a possible weather report: "...cloudy with showers..." Anyone here relaying NOAA? Poor level, sunrise skip? (MH-NC)

0/0/25 0510-0520 - Not certain if this might be a TIS or what. Woman announcer noted with "Hello!" Male announcer noted later with possible "Welcome..." but not positive. Had noted UNID on/off this AM with bits of English audio seeming to loop E/SW. Will keep checking. Anyone else hearing anything here? (MH-NC) (There have been reports of a TIS operated by the Connecticut Department of Transportation - db)

## DENOTEDS

# International

## DX Digest

Foreign DX Catches. Times are UTC, for ELT, subtrac

Great news! You can send loggings to me via modem at "JimRenfrew@aol.com". I'm using America Online. Deadline is still Fridays (occasional Saturdays and Sundays for hot tips).

Mark Connelly phoned to say that the Newfoundland DXpedition logged 85 countries this past weekend. These guys weren't off fishing, they were trawling! With so many loggings, he (mercifully) will write a detailed report separate from IDXD in an upcoming issue of DX news. However, to whet your appetite (don't let your spouse see you drooling over these, it will confirm his/her worst fears about you), the top ten loggings from Newfoundland are shown below. David Letterman is expected to reveal these on an up-coming show, but (as usual) IDXD scoops network TV with the real DX.

### SPECIAL REPORT:

#### NEWFOUNDLAND TOP 10

531 FAROE ISLANDS Torshavn, 10/23 0715

- Good (over Spain) with distinctive interval signal and Scandinavian talk.

783 SYRIA Tartus, 10/23 2345 - chant, Arabic mention of Syria; breaking over Portugal. Syria was also heard on

Jim Renfrew

61 Wilcox Street

Rochester, NY 14607

finally extracted

frequency Brazilian

Mark also reports a tentat

Sri Lanka 1548 with Deutect

Signal. The DXpedition co

Kazuross, Jean Bunnell, Bruce

Connelly. Receivers: Icom R

Drake R8, Sony ICF-2010. A

four Beverages (two Euro-Ber

/ 1640 ft. each, one Brazil Bev

3280 ft.), one Caribbean Bev

2460 ft.), two longwires

approx. 200 m. / 656 ft., one

wire approx. 200 m. / 656 ft.),

transformers were used on

Beverages. Beverages we

following phasing units: 5

MWDX-5, MWDX-3 and (som

the MWT-3 Regenerative

RTL-2 Remotely-Tuned Loo

back-up antenna.

### TRANS-PACIFIC

720t RUSSIA (Asia), Yuz

10/25 0759 - V

Moscow?), followe

WGN's tone on the

no other audio hear

be the only TP I'm

Seoul, 10/26 1000 - Fair  
followed by man in Asian  
undated like news. [JW-  
Asian language. Could  
w/Asian. [JW-OR]

# LANCIC DX

ore, 10/20 0440 - Good  
musical program with  
nouncements. Alone on  
this was a daytime in  
covered by RNE stations  
PA]

a, 9/29 0325 - Fair with  
ard also in London  
Muge, Portugal) and  
540 kHz. Elsewhere  
usually dominant. [BD-  
SA]

36 Santa Cruz, Tenerife,  
fair with woman in  
MA]

3 Lopik, 10/19 0526 -  
Country Music Radio".  
station closed down  
ear, and repeated taped  
s heard in London  
it would return as a  
station. Good with  
and vocals. 10/23 0420  
ent in Dutch, then ad in  
man and woman in  
4 0100 - Man in Dutch  
Audio somewhat  
deeply. Can be

756 GERMANY Brunswick, 10/20 0525 -

Fair, woman in German. In Europe  
was strong in all parts. Always in  
German. Warsaw, Budapest, Lugoj  
usually was better. [BD-PA]

765 SENEGAL Dakar, 10/12 2330 - LOUD  
with Arabic-sounding talk, African  
music; by far the best TA at the time  
during semi-auditory conditions.  
Other strong signals - 621, 837, 1179,  
1349, 1544. 10/26 2220 - good with  
Arabic female vocal, plucked strings.  
[MC-MA]

765 SWITZERLAND Sottens, 10/20 0527 -  
Fair with French and soft music.  
This one gets into Paris in the  
daytime. [BD-PA]

765 UNID 10/26 0621 - Good signal with  
very weak audio, only Spain and  
possibly UK coming in at the time.  
Thought this was Senegal, but  
noticed recent report of Switzerland  
being heard. [DB-DE]

774 SPAIN 10/12 0343 - Spanish talk over  
mess. 10/26 2221 - man in Spanish  
to fair peaks over presumed Egypt;  
slopped by WABC-770 & CFRD-780.  
[MC-MA]

792 SPAIN Seville, 9/28 2310 - Fair with SER  
program. [BD-PA]

801 UNID 10/26 2331 - jumble of stations  
with possible Arabic vocal music  
Semi-local WCCM off at the time.  
[MC-MA]

819 MOROCCO Rabat, 10/1 0207 - In clearly  
with Koran. [BD-PA]

819 UNID 10/26 2329 - big OC / possible test

a semi-local in London and was OK  
in Paris, but elsewhere in Europe  
Wachenbrunn dominated. [BD-PA]

882 CANARY ISLANDS La Laguna 10/26  
2327 - man & woman in Spanish;  
over others. [MC-MA]

891 ALGERIA Algier 10/12 0324 - man in  
Arabic; good. 10/14 0413 - male  
Arabic chant; excellent. 10/21 2135-  
2137 - Fair with Arabic vocal, violins  
and drums; bet from unknown  
domestic on 890; 20 minutes before  
local sunset. [MD-MA]

936 MOROCCO (tentative) 10/26 2326 -  
carrier in slop. [MC-MA]

954 SPAIN Madrid 10/15 0438 - to good  
peaks with Peter Frampton '70s hit  
10/26 2326 - Spanish talk very good;  
some WROL slop. [MC-MA] 10/26  
0611 - Strong signal over WPEP  
Splash with man talking in Spanish.  
Other SPAINs noted before, but the  
first time for this one. [DB-DE]

963 PORTUGAL Setxal 10/15 0437 - woman  
in Portuguese; over growl. [MC-MA]

999 SPAIN Madrid 10/15 0435 - fair with  
man in Spanish. 10/26 2325 -  
EXCELLENT with Spanish tele-talk.  
[MC-MA]

1035 PORTUGAL Lisboa, 10/26 0640 - Soft  
music; this one was the most regular  
TA here a couple of years ago. [DB-  
DE]

1044 SPAIN San Sebastian, 9/28 0307 - Very  
strong, with man in Spanish. Was  
also good in London and Paris. [BD-  
DE]

over here this season  
I heard it with  
London, Paris, W

1098 CANARY ISLANDS  
2238 - Spanish t  
woman; good. [MC-  
SPAIN Pontevedra

1116 Spanish talk. [MC-MA]  
SPAIN Bilbao, 10/26

1134 talk by man; fair. [MC-MA]  
SPAIN 10/16 0405 - m

1152 Spanish; poor in slo  
muted local WMEH

1179 CANARY ISLANDS  
0355 - man & wom  
good. [MC-MA]

1188 HUNGARY Szombath  
Hungarian talk by  
MA]

1197 LESOTHO Lancer's G  
Arthur Rubenstein  
music // 5975, 6175  
over a pop music sta  
& Arabic (Morocco).  
1200 slop then took  
first home receptio  
sets a new personal  
of 7975 miles (27 m  
from Rockport).  
reception was of mu

[MC-MA]

...vitsy, 10/15 0424 -  
 talk, light pops, fair.  
 Nouakchott, 10/26 2352  
 talk, flutes on strong  
 MAJ  
 ...ustnaje, 10/26 2250 -  
 program in English, fair to  
 occasional WLLH-1400  
 A)  
 ...ers, 10/15 0409 - Arabic  
 vocal in slop. [MC-MA]  
 0010 - Het only, and  
 Ukraine station is back  
 didn't hear anything on  
 77, anywhere in Europe  
 of semi-locals in the  
 [BD-PA]  
 ...LA Duba, 10/15 0411 -  
 with Arabic talk by  
 1520. 10/26 2253 -  
 female Arabic-Koranic  
 LLENT - best TA at the  
 of the R8 S-meter on  
 MAJ  
 ...nflingen, 10/15 0415 -  
 German; poor to fair in  
 [MC-MA]  
 ...RA CLANDESTINE -  
 talk by man & woman  
 level on big carrier;  
 1. [MC-MA]  
 ...CDOM, London, Solid  
 10/20 0510 - Oldies.  
 up alarm tuned to this  
 [BD-PA]  
 ...10/20 2330 - Good signal with  
 religious music or preaching in  
 Spanish. However ID at 0001 and  
 0101 was in English "Broadcasting  
 from Patterson, New Jersey, by  
 satellite to the world this is WWRV  
 New Yor 1330 Am with Radio  
 Vision Cristiana International 530  
 AM South Caicos Turks and Caicos  
 Islands British West Indies." [SA-  
 MB] 10/27 0923 - Tentative, poor to  
 unreadable with Spanish talk and  
 contemporary religious music.  
 Heard better on 530 when I reported  
 it as unID to DDXD-W back in  
 August. [JW-OR] (Yes, I've noticed  
 this one always IDs at :01 - Jim)  
 550 MEXICO XEPL Cd. Cuautlémoc CHIC,  
 10/12 0347 - Interesting mix of  
 Indian language male announcer,  
 followed by English C&W standards  
 (Waylon, Willie, etc.); ads for  
 Farmacia Alemán and other Cuauh-  
 stores. Good on peaks, but  
 ORM/OSB. [JW-COI]  
 580 PUERTO RICO WKAQ San Juan, 10/30  
 0101 - Sung ID heard through mess.  
 [JR-NY]  
 590 MEXICO XEED Rio Bravo TAMA, 10/12  
 0232 - Full canned ID under KCSJ,  
 not much else heard; semi-aural  
 conditions. New XE #114, but only  
 TAMA #3. [JW-COI]  
 600+ NICARAGUA R. Ya, Managua, 10/30  
 0152 - Tentative, heard on high side  
 of 600 with music and possible ID in  
 [BD-PA]  
 ...coming in strong as well! Only  
 onance have I heard even a slight  
 audio from St. Vincent. I heard the  
 tail end of the sign- off  
 announcement and the national  
 anthem which concluded at 0302.  
 Country #48 heard. [JR-NY]  
 710 MEXICO XEID 10/12 0128 - Good with  
 Spanish over WHB. "Eat  
 escuchando XEID ... cinco mil waits  
 de potencia ... en Cuautlémoc,  
 Chihuahua". It's always nice to  
 catch these full IDs. [MH-NH]  
 770.6 UNID 10/12 0440 - Male announcer in  
 Spanish, couldn't make out much  
 else due to KKOB-770 splatter.  
 Colombia is a good guess, although  
 others report HJFX right on 770. In  
 the 1993 WRTN R. Norte, San Pedro  
 Sula, Honduras, has been reported  
 on 770.6, so another possibility is this  
 one. [JW-COI] (I'd guess Honduras,  
 rather than Colombia - Jim)  
 790 MEXICO XENT La Paz BC5, 10/15 1259  
 - Heard XE national anthem, then  
 male announcer with possible sign-  
 on, mention of "... California", "Radio  
 Selectentos Noventa" slogan and  
 quickly into music. A local DXer has  
 heard them at this time, so I will  
 continue to work on it. Rough in  
 ORM. [JW-COI] (Getting a station  
 from BC5 is a real accomplishment -  
 Jim)  
 880 VENEZUELA VVYM 10/23 0915-1000 -  
 Program of lively LA pops, male  
 announcer. Initially thought this  
 1020  
 ...or Sagua La Grande. I  
 kW. [RS-FL]  
 9001 MEXICO XEWB Veracruz  
 0415 - XEW dominated  
 another station simul-  
 with a split-second la-  
 echo-type effect.  
 stations on 900. P  
 Mexlist, are XEW  
 which relays XEW. D  
 will ever be possible t  
 CO) (I'd send them a  
 and see if they'll verify  
 1000 US VIRGIN ISLANDS WS  
 Annalie, 10/20 2255 -  
 SIO 444. Network :  
 followed by ads. PS,  
 Several references to  
 Full ID in accented E  
 at 2307, followed by r  
 regarding drug addict  
 UNID 10/26 0609-0700  
 Spanish with WLL  
 English AdCon typee  
 John, etc), man talking  
 0300 sounded like "  
 Voz de La Ciudad".  
 not southwest.  
 Mexico? (DB-DE) (I  
 loop bearing, I'd still  
 La Ciudad is what m  
 so, plus Mexico is w  
 heard. I can't rememb  
 Venezuela was report  
 The format and sloga  
 Five heard -pls)  
 TURKS AND CAICCO

became over KDKA. This  
a pest. Even stronger  
on 1020. [SA-MB]  
- Noted country  
music, man in English  
"Christian Radio"  
serving the  
central America and  
America and  
their mission to  
more music. Very good  
occasionally" did  
to cause interference.

10/30 0131 - Heard  
cent ad, presumed.

John's 10/26 2341 -  
Lighthouse good

tagena HJNW 10/16  
[MC-MA]  
news, stock report,  
good with WWVA  
MA]

10/16 0240 - Excellent

news or talk, dominant  
news is becoming DX,  
[SA-MB] (Oh that  
news were true! - Jim)

ranquilla HJCT 10/26  
news by man &  
many local stories  
ulla. [MC-MA]

lexo DF, 10/9 1204 -  
wey music, XEAI ID,  
no KSTR. [SA-MB]  
N 10/21 0330-0510 -  
ades through phased

becoming the DX capital of the Caribbean.  
Just got home from picking up my daughter  
and I could copy the 1020 station from Turks  
and Caicos on the Dodge car radio  
over/under KDKA. What power are they  
running?" (Don't know what power, but  
they've been heard in Europe. At least 50 kW,  
and probably non-directional - Jim)

Mark speaks: "Went to the Monitoring  
Times convention in Atlanta October 15-17  
with Russ Scoota and REALY enjoyed it."

Russ speaks: "T-storms have been a nightly  
hassle, I'm worse off than Mark Seiden as I'm  
further west and the lightning storms roll in  
from the Everglades and kill of my LSS work.  
He has the sea breezes suppressing things a  
bit, he's also less plagued by big local signals  
and their associated IMDs." (So how come you  
sent in more loggings than Mark! - Jim)

# STATION NEWS

NEW ZEALAND: Radio for the Print

Disabled Levin now uses three  
frequencies simultaneously and  
sign-on Sunday-Thursday is 2100  
and sign-off Monday-Friday 0900 on  
1602, 3935, 7290, though 7290 closes  
at 0500. CQ Pacific a programme for  
SW listeners and radio amateurs is  
now heard at 0800 Monday 1602  
and 3935. [Arthur Cushen in  
NZDXT 10/93] By the way,  
according to NZDXT, Mark Nicholls,  
of New Zealand logged the KRZN-  
760 test.

NEW ZEALAND (more): Paul Ormandy's  
"Updated N.Z. AM/FM Listings" a  
bit of a mess, call letters

[JW-CO] John Wilkins, Wheat Ridge CO;

Drake R-8, 4' Box Loop.

[DB-DE] Dave Braun, Wyoming DE; R-2000,

Palomar Loop

[RHM-WA] Roy H. Mullar, Marysville WA;

Sony ICF-2010, Quantum Loop.

[JW-OR] Jack Woods, Waldport OR; SP-600,

Sony ICF-2010, 100 foot longwire in  
the tall grass.

[MH-NE] Mike Hawk, Omaha NE.

[MS-FL] Mark Seiden, Miami FL; JRC NRD

93, Lankford/Wright/Scotka 65'

Noise Reduced in inverted L

configuration oriented NW/SE, 25

feet high.

[RS-FL] Russell Scoota, Margate FL; Collins

## National Radio Club Financial Statement

The following statement is for the year  
Oct. 1, 1992 through Sept. 30, 1993.

### Income Statement

Membership Dues . . . . .	\$16,054.00
Domestic Log . . . . .	11,311.04
Antenna Manuals . . . . .	284.00
Receiver Manuals . . . . .	22.00
Anniversary Book . . . . .	78.00
New Member Book . . . . .	258.00
Samples . . . . .	84.27
Beverage Manual . . . . .	614.70
Loop Manual . . . . .	1,303.70
Audio Service . . . . .	3,472.00
Convention . . . . .	2311.50
Reprints . . . . .	3,362.27
FM Book . . . . .	448.00
New Book . . . . .	1,051.95

R-390A, SWA/Misek

Sterling Control co

outboard AM Synch

(Lankford) and Dat

filter (used to clip

generated by TLASF

[MD-MA] Marc Delorenz

MA; Hyundai car rad

[BD-PA] Benjamin Dangerfe

PA; HQ-180 and Rad

[MC-MA] Mark Connelly W

ma; Drake R8, two s

37 m. each) via

transformers to S

Phasing Unit & T

Tuner.

### Total Expenses . . . . .

### Statement of Income (

### Income (All sources) . . . . .

Bulletin/Publication Costs	
Beginning Inventory	
Printing . . . . .	
Postage . . . . .	
Less Ending Inventory	
Net Costs . . . . .	

Profit or Loss . . . . .

# card ments

**Bill Hale**  
495 Creekside Drive  
Meridian, ID 83642-3241

*records for stations logged on graveyard frequencies*

Logged from Jan 1, 1960 to Present

**KSAC 1240AM**

Date of Last Update: Oct 22, 1993

\* indicates North American record-holder Sports/ Action/ Coverage!

Wynnwood	Bruce Conti	West Warwick, RI	1136
Wynnwood	Charles Reh	Leamington, ON	743
Wynnwood	Robert Kramer	Chicago, IL	703
Wynnwood	Paula	Crosswell, MI	650
Wynnwood	Jerry Robertson	Stone Mountain, GA	103
Wynnwood	Karl Jeter	Lincoln, NE	712
Wynnwood	Carl Dabstein	Vallejo, CA	691
Wynnwood	Gene Allen	Bellflower, CA	435
Wynnwood	Mike Sanburn	Leamington	789
Wynnwood	Charles Reh	Pittsburgh, PA	732
Wynnwood	John Malicky	Leamington	711
Wynnwood	Charles Reh	Malapuu Point, HI	2408
Wynnwood	Dale Park	Laie Point, HI	2488
Wynnwood	Doug Lamerson	Modesto, CA	*111
Wynnwood	Mike Hardster	Kaneville, HI	2409
Wynnwood	Doug Lamerson	Modesto	*104
Wynnwood	Mike Hardster	San Diego, CA	112
Wynnwood	Mike Hardster	El Toro, CA	138
Wynnwood	Les Carpenter	Billings, MT	806
Wynnwood	Gene Nix	Vallejo	393
Wynnwood	Gene Allen	Hilo, HI	2493
Wynnwood	Richard E. Wood	San Marcos, CA	*23
Wynnwood	Mike Hardster	Laie Point	2466
Wynnwood	Doug Lamerson	Anaheim	476
Wynnwood	Jim Hinkler	West Des Moines, IA	621
Wynnwood	John Wilkins	Vallejo	797
Wynnwood	Gene Allen		

KDEC	IA	Decorah	Wayne Heinen	Buffalo, NY
KWLC		Decorah	John Wilkins	West Des Moines
KBIZ		Ottumwa	Charles Reh	Leamington
KICD		Spencer	Ess Hänninen	Lemmenjoki
KIUL	KS	Garden City	Ess Hänninen	Lemmenjoki
KNSS		Wichita	Ess Hänninen	Lemmenjoki
WINN	KY	Louisville	Chris Lucas	Troy, AL
WFTM		Marysville	Charles Reh	Leamington
WPKB		Pikeville	Charles Reh	Leamington
WSFC		Somerset	Russ Edmunds	Parsippany, NJ
KANE	LA	New Iberia	Jerry Starr	Youngstown, OH
WCOU	ME	Lewiston	Mike Coorby	Cantfield, ON
WMBR		Millinocket	Chris Lucas	Fairfield, CT
WCEM	MD	Cambridge	Rodney Valdron	Petit Rocher
WDEI		Hagerstown	Don Lynch	Lynn, MA
WMAI	MA	Greenfield	John Butler	Toledo
WOCB		West Yarmouth	Jerry Robertson	Crosswell
WATT	MI	Cadillac	MB DXFedition &	Arnes, MB
WCBY		Cheboygan	Don Lynch	Lynn
WJPD		Isleington	MB DXFedition &	Arnes
WJIM		Lansing	Shawn Arend	Winnipeg, MB
WGGK	MI	Hibbing	John Malicky	Pittsburgh
KPRK		Park Rapids	Carl Dabstein	Omaha, NE
WJON		St. Cloud	Morris Sorensen	Leaf Rapids, MB
WMPA	MS	Abertown	Jerry Starr	Youngstown
WGCM		Greenwood	Frank Merrill	Milan, MI
WJDO		Gulfport	Mike Hawk	Omaha, NE
WJMS		Marion	Charles Reh	Leamington
KFMO	MO	Flat River	Charles Reh	Leamington
KWOS		Jaffson City	Ess Hänninen	Lemmenjoki
KNEH		Nevada	Carl Dabstein	Overland Park, KS
KJUS	MT	Billings	Mike Hardster	Lemmenjoki
KBTW		Glasgow	Ess Hänninen	Modesto
KLTY		Hamilton	Tim Hall	Lemmenjoki
KLYQ		Helena	Carl Dabstein	Kaispell, MT
KBL		Lincoln	Ess Hänninen	Omaha
KFOR	NE	North Platte	Ess Hänninen	Lemmenjoki
KODY				Lemmenjoki

gona	Siere Francis	Moos
ladephtha	Dan Philippe	Clinton, TN
inding	Siere Francis	Alcoa
ingrove	Rodney Valtron	Petit Roether
ikes-Barre	Rodney Valtron	Petit Roether
onsocket	Siere Whitt	Sheigra, Scotland
ewberry	Mike Ceorby	Canfield
under	Russ Edmunds	Paripparay
me	Esa Hänninen	Lemmenjoki
zabedton	Carl Dabelstein	Omaha
ville	Mike Jevorski	Brookfield, IL
oxville	Andy Rugg	Montreal
ahville	Don Lynch	Lynn
ddy-Daisy	Charles Rob	Leamington
ion City	Harry Hayes	Gouldsboro, PA
hine	John Wilkins	Fort Davis, TX
hine	John Wilkins	West Des Moines
hwood	Frank Merrill	Milan
an	John Wilkins	Wheat Ridge
hart	Rick Carr	Austin, TX
iamondville	Charles Rah	Leamington
estwater	Dave Schmidt	New Castle, DE
andpaler	Andy Rugg	Montreal
ersburg	Andy Rugg	Montreal
anoke	Andy Rugg	Montreal
untion	Nancy Hardy	Abertean, WA
ville	Don Kaskey	Sacramento
mburg	Tom Hall	Kamloops, BC
rimpha	Don Lynch	Lynn
efield	Niel Wolfish	Toronto
arkeston	Rodney Valtron	Petit Roether
ins	Rich Edlie	St. Louis
anilowoc	Morris Soranen	Amaranth, MB
onetic	Jerry Starr	Youngstown
landler	Charles Rah	Leamington
e Lake	MB D'Xpdition &	Arnes
eyne	Bob McCoy	Lincoln
uston	Mike Hardster	NAS Miramar, CA
westle	Bill & Nancy Hardy	Aberdeen, WA
anopolis		

## Chip Active Whips... By Mark Connelly - WALTON

Some of the buffer amplifier devices can deliver in excess of 10 volts peak-to-peak (V<sub>p-p</sub>) of relatively undistorted output; therefore, strong-signal handling is generally not a problem.

The devices are usually operated with two equal-amplitude, opposite-polarity power supplies. Doing this allows operation down to DC. If RF-only operation is desired, a single supply and capacitive input/output coupling may be used. Figure 1 illustrates the generic version of buffer card that forms the heart of this active whip design. Table 1 gives a list of commercially-available buffer amplifier chips and information regarding device pin-outs. The manufacturers can provide device data sheets, prices, and the names of regional distributors. Figure 2 shows the schematic of a typical broadband active whip built around the buffer card of Figure 1. Figure 3 shows how this whip can be mated to an RTU-1 Remote Tuning Unit and a controller to provide remote-tuned operation offshore.

The intention of this article is to stimulate DXers to try this alternative design approach to active whips. Many good articles have been written about constructing active whips with discrete transistors (usually FET input to FET output or bipolar output). The whips I've built from "canned buffers" have performed as well, or better than, most of the conventional two-transistor models.

loops. Some of the buffer amplifier devices can deliver in excess of 10 volts peak-to-peak (V<sub>p-p</sub>) of relatively undistorted output; therefore, strong-signal handling is generally not a problem.

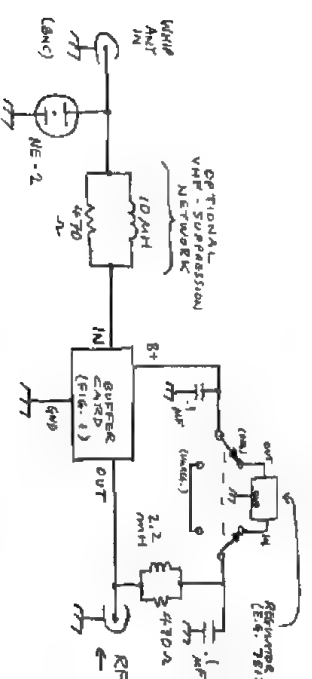
The devices are usually operated with two equal-amplitude, opposite-polarity power supplies. Doing this allows operation down to DC. If RF-only operation is desired, a single supply and capacitive input/output coupling may be used. Figure 1 illustrates the generic version of buffer card that forms the heart of this active whip design. Table 1 gives a list of commercially-available buffer amplifier chips and information regarding device pin-outs. The manufacturers can provide device data sheets, prices, and the names of regional distributors. Figure 2 shows the schematic of a typical broadband active whip built around the buffer card of Figure 1. Figure 3 shows how this whip can be mated to an RTU-1 Remote Tuning Unit and a controller to provide remotely-tuned operation offering substantially greater gain and dynamic range.

The intention of this article is to stimulate DXers to try this alternative design approach to active whips. Many good articles have been written about constructing active whips with discrete transistors (usually FET input to FET or bipolar output). The whips I've built from "canamed buffers" have performed as well, or better than, most of the conventional two-transistor models.

TABLE 1 : TYPICAL UI BUFFERS

DEVICE	PACKAGE	RECOMMENDED B+ SUPPLY	PLIN5			
			IN	OUT	B+	0
NATIONAL LM003J, LM003CJ	DIP (8-PIN)	12 TO 38 VDC	1	4	7.8	
MINIMAX LM003X, LM003CC; ECLAMTEC ELMD03G	ROUND (12-PIN)	12 TO 38 VDC	5	11	1, 12	
ANALOG DEVICES ADP03AM; VTC VAO33PJ	ROUND (8-PIN)	8 TO 13 VDC	4	8	1	
NATIONAL LM003K, LM003K	ROUND (8-PIN)	12 TO 38 VDC	4	3	1, 2	
BURR-BROWN 3553AM	ROUND (8-PIN)	12 TO 38 VDC	4	3	2	

**FIGURE 2 : ACTIVE WHIP WITH GENERIC BUFFER CA**



# **Buffer Card: A Valuable Building Block for DX Projects**

*By Mark Connelly - WA1WJ*

The "One-Chip Active" use of commercially-available ICs that combine FET circuits in active buffers has been a trend in real-life DXing in laboratory tests for gain, noise, and

created equal. Most big signal inputs up to 100 mV with low distortion. It is a 1 of things that these can be used for. Those in DIP packages listed as being an "hybrid" in design operate at relatively low supply rails (e.g.,  $\pm 7$  V). The VA0033P AD9630AN (made by

scopes. They could be used in larger loops. It has been shown that the 12-V O-8 devices, listed as discrete-FET designs well in the past. conductor LH0033CG H0033G field tests.

daytime performance.

The LH0033CG-based buffer card (which I've designated BUF-A) clearly outperforms the vast majority of discrete-FET front-ends I've built when it comes to strong-signal handling (immunity to harmonic and intermodulation distortion). Now I've finally reached the point at which varactors used in remotely-tuned applications are the weaker link than the front-end card. (The varactors can still take a lot of "heat" before yielding any spurs.) Very weak WRKO-680 X 2 can be heard with WLYN-1360 nulled on a remotely-tuned loop with the BUF-A. With the BUF-A in a conventional tuning-capacitor (non-remote) loop, there is no evidence of a WRKO harmonic with WLYN nulled - only WDRC-1360 (Hartford, CT) is noted. Some discrete-FET amplifiers could not pass this daytime test, whether tuned by variable capacitors or varactors.

When operated at  $B+ = 12.6$  VDC (typical car cigarette-lighter jack output) an clean output of 6 Vpp is achievable. Scope tests show that higher supply voltage (up to 40 VDC) can yield even greater low-distortion output levels. Heat-sinking is advisable at high supply voltages. For continuous high signal level operation (urban sites), the National LH0063CK (at about twice the price of the LH0033CG) may offer slightly improved IMD performance for the perfectionist. The LH0063CK package is different, so card layout would have to be altered if that IC is to be

**Table 1: BUF-A parts list**

Vendor codes:

GER = Gerber Electronics

MCL = Mini-Circuits Lab.

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

MOU = Mousser Electronics

/ 128 Carnegie Row

/ Norwood, MA 02062

/Tel. 1-617-769-4852, 76

/ P. O. Box 350166

/ Brooklyn, NY 11235-000

/Tel. 1-718-934-4500

/ 11433 Woodside Ave.

/ Santee, CA 92071

/Tel. 1-800-346-6873

/ 153-1105 (cut)

MOU 539-CR05103K

MOU 581-10R35

MOU 539-CR05102K

MOU 539-CR05104K

MOU 572-03880

MOU 534-1450C

MOU 534-7311

MOU 574-742-1/C

MOU 271-680K

MOU 271-100

MOU 295-4.7

MOU 74-67-X65

MCL

GER

(National)

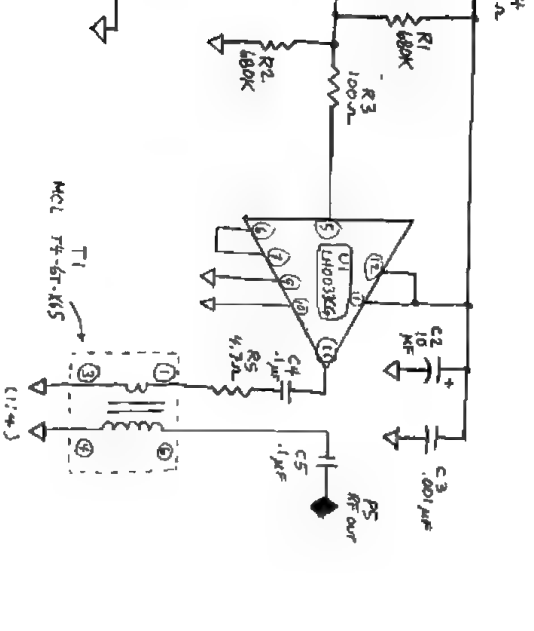
LH0033CG

**Table 2 - A Partial List of Commercially-Available Buffer IC's**

Note: Not all have been tested. Some may be unsuitable because of high noise floor or other reasons. The "0033's" and "0063's" are industry standards and, generally, have predictable, good-quality performance.

006300K 00630 0010003

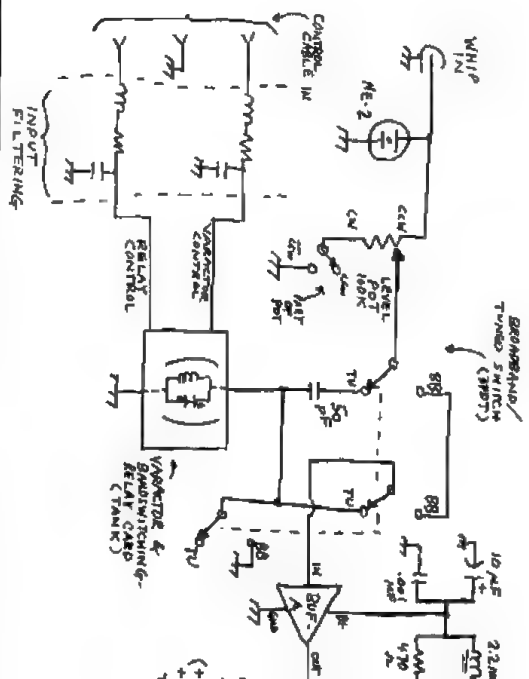
# BUF - A BUFFER AMP. CARD (SCHEMATIC)



## 2: BUF - A BUFFER AMP. CARD (ASSEMBLY)

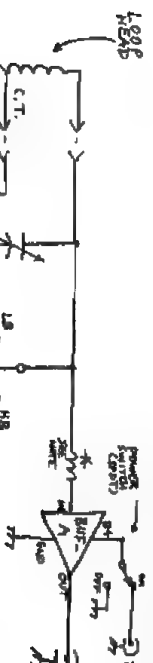


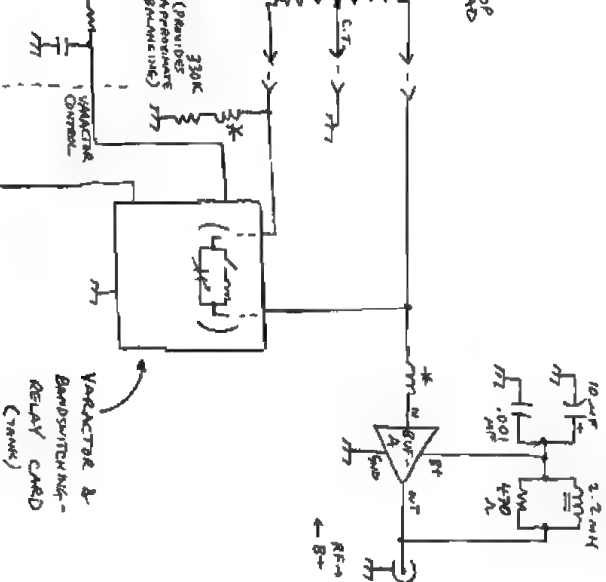
# APPENDIX A: ACTIVE WHIP



## APPENDIX B: LOOP (NON-REMOTE)

\* NOTE: CHANGES ADDED IF NECESSARY, FOR SHORT  
TWO ARE REMOVED BY DIRECT CONNECTION IF NOT





## MWDX Notes from Vacation Trip to S. Lee, MA

By Mark Connelly-WALTON

In mid-April of 1993, my wife, my son, and I took a one-week "spring break" in the Berkshire Hills at the Oak N Spruce Resort in South Lee, MA. The location, in the southwestern corner of the state, is near the New York and Connecticut borders. Most of the time was spent in sightseeing, swimming in the indoor pool, etc. After a winter that featured 7-day, 70+ hour, third-shift work weeks and worse-than-average weather, the need to unwind was great. Although DX was relatively low on the priority list, I did manage to "sneak" some in.

Equipment used was a Realistic DX440 portable receiver and the homebrew RTL-2 remotely-tuned loop used in conjunction with the MWT-3 Regenerative Tuner / Controller. A few daytime loggings were made in the parking lot on the car radio; essentially, these were on channels that suffered from excessive TV-set interference when reception was attempted in or immediately-outside the buildings of the resort complex. On trips where DX is just a "side activity", the first goal is to do daytime-groundwave and stable late-evening skip bandscans. This initial characterization of band activity at a given site builds the foundation for DXing of a more serious, target-hunting nature on subsequent trips. Sharing such bandscans with other DXers can save them much time in cranking-up their own efforts when they visit nearby locales. Some listening was done at local

that period tended to be chaotic changes in dominance on non-Developing a useful guide to these transitional periods required much more time than to invest on this short, family-or

### General observations

As my home QTH in metro tremendously distant (only about from S. Lee, meaningful reception patterns could be made location is well inland mountainous; the home QTH miles of the ocean and terrain considerably flatter. The S. L expected, showed reduced capability of both distant groundwave long-haul skip as a typical coastal sites, or for the inland sites that are flat and have conductivity agricultural-quality CBF-690 in Montreal, at app miles, was the farthest ground S. Lee with strength "entertainment quality" (e.g. average consumer-grade area groundwave receptions-boom miles are easy from Cape Cod Newfoundland, WHDH-850 received well at about 900 miles daytime. High-angle short skip much less location-dependent.

the loop / DX440 to the area actually there because wire roundware. Even at these audible: I could get "beverage farms" I had Park-Arlington, MA (1975-1976) but in S. Lee it was a "tree for all" with CMR-ON and WJAS-PA beating back CKEC most of the time. 950 at home has WROL (local at low power) battling WPEN-PA and sometimes CHER-NS and YVKG Venezuela. At S. Lee, WIBX and WBBF, both from upstate NY, shared dominance with WPEN a poor third - and not a trace of WROL, CHER, or YVKG. Directional transmitting-antenna arrays can account for the often-considerable differences in dominant stations on regional channels over a fairly small distance between two receiving sites.

from the South American mainland. Foreign DX, whether Latin American or Trans-Atlantic, was tougher here than from coastal sites. Some domestic channels had completely different occupants from those noted at home in Billerica. For instance, 1320 is locked up by CKEC-NS at night at home, but in S. Lee it was a "tree for all" with CMR-ON and WJAS-PA beating back CKEC most of the time. 950 at home has WROL (local at low power) battling WPEN-PA and sometimes CHER-NS and YVKG Venezuela. At S. Lee, WIBX and WBBF, both from upstate NY, shared dominance with WPEN a poor third - and not a trace of WROL, CHER, or YVKG. Directional transmitting-antenna arrays can account for the often-considerable differences in dominant stations on regional channels over a fairly small distance between two receiving sites.

gathers in the groundwave bandscan are rated  
- 10 scale: 1 = carrier in noise, 2 = weak  
3 = poor, 4 = poor to fair, 5 = fair,  
6 = good, 7 = good, 8 = very good, 9 = excellent,  
10 = quality).

Bandscan - S. Lee, MA - APR 1993

LOCATION, COMMENTS

all  
MA - Brampton (tentative, trace)  
OH - Ottawa - rock o/n WLIX  
RI - Islip - religion o/n CJSB  
?? - maybe WNCB - PA, u/ CJSB/WLIX  
VT - Waterbury - noted w/ jazz, other formats  
MA - Springfield - oldies, sports, news  
NY - Catskill (tentative), one unid u/ WERN  
PA - Philadelphia (tentative) other unid w/WREX  
NY - New York - religion

860	WBSB	MA - Great Barrington - light rock, old and
870	WBZU	NY - Ithaca (tentative, in 960 sloop)
880	WGBS	NY - New York - news
890	WJLS	IL - Chicago (tentative, trace, heard before
900	WBOC	NY - Saratoga Springs - mostly talk, some
910	WHEZ	CT - New Britain - news (CNR)
920	WCRG	RI - Kingston - nostalgia // WIR - 930
930	WELJ	RI - Providence - newstalk, u/ WCRG - 920
940	WOPF	MA - Johnston - nostalgia // WOPF - 920
940	WMB	MA - Webster - mix w/ CSM & WIR
950	WIMS	CT - Montreal - CBC net - mix w/ WOPF & WIMS
960	WROL	CT - Brookfield - mix w/ CSM & WOPF
960	WIRX	MA - Boston - religion o/n WIRX
970	WELJ	NY - Utica - o/n WROL
970	WESD	CT - New Haven - talk
980	WTER	MA - Southbridge - talk, oldies
990	WERY	NY - Troy - oldies
990	WERY	CT - Southington - oldies
1000	unids	?? - probably WML - NY & WIOO - PA
1010	WIMS	NY - New York - all news
1020	WKEZ	CT - Sharon - MOR / light rock
1030	WBS	MA - Boston - newstalk
1040	unids	?? - carrier in WBS sloop; prob. WHEZ - PA
1050	WEDV	NY - New York - ethnic & nostalgia programs
1060	KTN	PA - Philadelphia - all news o/n WJIV
1060	WNAV	MA - Katik - religion o/n KTN
1070	WEDR	RI - Plainborough (tentative, trace)
1080	WVIC	CT - Hartford - newstalk
1090	WILD	MA - Boston - soul / rap
1100	WURL	NY - Hempstead (tentative, in 1110 sloop)
1110	WDRN	MA - Pittsfield - oldies
1120	WBS	CT - Bristol - talk
1130	WBSR	NY - New York - news / business
1140	WJTR	PQ - Trois-Rivières (trace)
1150	WCSX	CT - Middletown - talk, oldies
1160	WNAV	CT - Clinton Knolls - nostalgia
1170	WCTP	CT - Vernon - religion
1180	WHEM	NY - Rochester - newstalk
1190	WBCN	NY - Cobleskill - talk
1200	WJLB	NY - New York - soul / reggae, u/ WBCN
1200	WROX	MA - Framingham - CSM // WJLB-105.7 FM
1210	WOL	?? - prob. WROX - OM; u/ WROX
1220	WDEL	PA - Philadelphia - oldies
1230	WREX	NE - Keene - ID slightly o/ the pack
1240	WREX	?? - WREX - NY, others likely here
1250	unids	

MA - Marlborough - nostalgia, newstalk, way o/MSOM  
 NY - Newseum - nostalgia - ad w/ "Route 12 Boonville"  
 MA - Fall River - talk, ID u/ WMDR  
 MA - maybe WMDR - CT / WMRB-NY / WCFR-VT; u/ others  
 MA - West Springfield - BS  
 CT - Prob. WXYT-VT / WCSB-NY / WERT-NY; u/ WACB  
 CT - Milford - religion  
 MA - New London - talk, ID o/ WBSR  
 MA - Boston - BS u/ WHIC  
 MA - Greenfield - mentions of local events  
 NY - Buffalo - ID, news u/ WQAM  
 CT - Bridgeport - ethnic (PP, other)  
 NY - Albany - news, sports  
 MA - Newton - BS: ID "La Fabela"  
 CT - West Hartford (tentative); u/ WTRM  
 NY - New York - nostalgia / BSU / show tunes  
 NY - Amsterdam - pop m. - ID "The Bug"  
 NY - CEN o/u WBUO  
 NY - Patsburg - nostalgia, talk  
 NY - Warwick - religion  
 MA - East Longmeadow - album rock // MAGI-102.1 FM

Visants Bandacan - S. Lee, MA - APR 1993  
 g session was 24 APR from 0200 - 0500 GMT.

LOCATION, INFORMATION

ON - Brampton - ethnic shows, weak  
 ON - Ottawa - rock, dominant  
 CT - religious station u/ CJSB  
 CT - 2-3 station pile: prob. CTRB / WBR / WDEV  
 PA - Philadelphia - ID noted o/ others  
 NY - New York - stop w/ religion  
 MA - Worcester - talkshow, ID - little GSM  
 MA - Boston - sportstalk in jumble  
 ON - Toronto (tentative) u/ WMT/MSOM  
 PA - Albany - light music o/u WREX, others  
 PA - Scranton - news in jumble, mostly u/ MSOM/WREX  
 CT - Bridgeport - news o/ BS station (Cube ?)  
 PA - Philadelphia - sportstalk dominant  
 NJ - Newark - BS psm. w/ NY ads o/ WYMT/others  
 VT - Burlington - ID u/ MSKO  
 NY - Syracuse (tentative) likely the third stn. here  
 RI - Providence - talk o/ possible CTRB / others



341 Northern Blvd.  
 Albany, NY 12204

891  
 900  
 910  
 920  
 930  
 940  
 950  
 960  
 970  
 980  
 990  
 1000  
 1010  
 1020  
 1030  
 1040  
 1050  
 1060  
 1070  
 1080  
 1090  
 1100  
 1110  
 1120  
 1130  
 1140  
 1150  
 1160  
 1170  
 1180  
 1190  
 1200

ALGERIA - Algiers - often bet, sometimes as audio  
 ON - Hamilton - good w/ hockey, less GSM than at B  
 PQ - Roberval - PP mixed w/ CKIX  
 ON - Lindsay - good w/ ID, often atop channel  
 ON - Wingham (tentative) - hockey o/u WBJR  
 NY - Providence - talknet o/u Canadian  
 NY - Buffalo - news, good o/ WYAT / others  
 NJ - Paterson - "Muck" w/ WBER  
 PQ - Montreal - CBC program - very good  
 NY - Rochester - ID in news w/ WYX/WPER  
 NY - Utica - news o/u WBBF/WPER  
 PA - Philadelphia - nostalgia / 60s crooners u/ WYX/WPER  
 CT - New Haven - talk, ID o/ others  
 NJ - Hackensack - fire & brimstone preacher, dominant  
 ME - Portland - u/WNDJ w/ nostalgia  
 NY - Buffalo (tentative) - Buffalo mention in jumble  
 NY - Troy - older - more GSM than days, still good  
 PQ - Montclair - oldies, loudest station on busy ch  
 NY - Rochester - noted u/ CKIS  
 PA - Philadelphia - Philadelphia ad in jumble  
 IL - Chicago - atop w/ talk, not much CTRB  
 ON - Toronto - usually o/ WYBS  
 NY - New York - news - weaker than at home: u/ CTRB  
 PA - Pittsburgh - talk; little evidence of WYBS  
 MA - Boston - news talk strong, alone on channel  
 IA - Des Moines - fair o/ WJOL  
 ?? - soul m., u/ WBO  
 ON - Toronto - oldies o/u WREB  
 NY - New York - nostalgia (Denny Steele, etc.) o/u W/ CTRB  
 PA - Philadelphia - news, good: no GSM  
 ON - Saratoga - rock o/ CMA  
 BS - Moncton - CBC variety, u/ CROK. CMA dominates  
 CT - Hartford - news, talk, sports excellent  
 MD - Baltimore - good w/ talk, no sign of St. Inci  
 OH - Cleveland - sports, good o/ possible EDE / B  
 ?? - probably EDE / EJAR u/ WYBS  
 RI - East Providence - CMA news o/u WBS / CKIT  
 NC - Charlotte - noted w/ CSM show, ID  
 ON - Saratoga - mixed w/ WBY / WYX  
 CT - Bristol - ID, info. on local BS teams, o/ INC  
 MO - St. Louis - talk, behind WBS  
 NY - New York - business talk  
 PQ - Trois-Rivières - PP talk o/u WYVA  
 PA - Richmond - ID noted o/u CTRB  
 PQ - Gatineau - likely w/ PP o/u WBSL, others  
 DE - Milwaukee - ID, sportstalk - in jumble  
 ?? - ID sounded like WBO or WBSL; unknown stations

# Formats

Tony Fitzherbert  
356 Jackson Avenue  
Fairfield, CT 06430

*Changes in programming status; reported by listener*

Al Holtz of Philadelphia advises that WIEB-1500, Pompton Lakes, on the air since 1964, has dropped both its call and format. Pompton listeners now listen to WGRT, and a mix of oldies from the 1950's to 70's. It's music format is augmented by lots of local news and info this pretty northern Jersey area. A big band show, polka program, and public service programming will round out the WGRT weekend.

Al also has sent along information that 560 in Philadelphia has the Salem Communications Corp. of California, who, true to form, with the beautiful music with brokered religion. Now another of the mighty fallen! For years, 560 was the mighty WFIL, one of two legendary Philly. The other, WIBC-990 became WZZD and has brokered religion from St. Louis) will soon become "Lutheran Radio".

And if you are out of range of Lutheran Radio and are in Spring York, you can now listen to WLR-1300 twenty four hours daily, according to AM announcer, albeit on vastly reduced power at night. "All Jewish Time" is now non stop, and WLR has added "World Jewish News" (their on the hour).

Station Profiles is making a comeback! Look for some profiles to pages soon! I really hope to do a profile on WLR, but six profiles in the works.

Our column comes from Eric....here it is.

1270 KWEN MN Rochester - ASN Sports overnights.  
1350 KSIO MO Washington/Union - Drops //FM for news and talk.  
1350 WJBD IL Salem/Centralla - Light AC//PM 100-1.

And a St Louis Dial Scan from Eric. I hope to enjoy St. Louis radio year if I get there to see the new commuter light rail line, which resounding success. It was projected to carry 17,000 people daily, currently carrying over 25,000 daily riders. New radio stations show that pleasant surprise!

550 KSD St. Louis - Ex-KUSA, carries Univ. CMW Headline News

PA - Pittsburgh - ID, Music of Your Life nostalgia;  
not as interesting as CMR's music  
PB - New Glasgow - rock n/ CMR/ WAB. Rather at home.  
PC - New York - 88 o/ Probable CKLD / WRCA  
PD - Pittsburgh - ID, local BB game slightly o/ r/rack  
PE - Peabroke - Contemporary Hits o/ prob. CKLD  
PF - Arganda - 88 talk noted several times, beating  
back the 1360 gm. Masy bet.  
PG - Baltimore - nostalgia, ad for Glen Burnie film  
PH - Hartford - Music of Your Life w/ WERS/others  
PI - WRAP - NY, CTVL - PG, WBAI - OK all possible  
PJ - Manchester - Talknet; ID at 0405 GMT  
PK - PIERRE & MIGNON - good w/ opera  
PL - Victrolaville - FF talk in Jumble  
PM - CHPC - CM, CMCL - CM, WSRB - VT, WEDM - NY likely  
PN - Syracuse - nostalgia, ID; o/ others  
PO - Riviere du Loup - probable FF station here  
PP - Dover - ID o/ others  
PQ - Hartford - Jim Bohannon talk show  
PR - RGV - PA, WTMG - CM, CPMS - CM, CRTL - CM likely  
PS - Pittsfield - Red Sox BS; in 90K  
PT - Chicoutimi - FF baseball local WBSC  
PU - Newmark - 88 talk, ID; atop MONY/CJCL  
PV - Toronto - sportstalk u/ WMTL, o/u WMTV  
PW - Endicott - oldies in mix w/ WMLR/CJCL  
PX - Worcester - sportstalk o/ WRO  
PY - Warren - probable w/ Ohio mentions u/ WYXI  
PZ - New Brunswick atop several times  
QA - Jumble = usual channel conditions  
QB - St. Georges de Beauce - local-like w/ FF club hits  
QC - Meriden - "stardust" nostalgia, ID; o/ CHOM  
QD - Holland - CM w/ WODM  
QE - New York - ID "WZEC, New York's 3-Rock", good  
QF - Fall River - Red Sox BS o/u WZEC, others  
QG - 1380 - PQ, CREAM - CM probable  
QH - mass  
QJ - Washington - news, loud  
QK - Boston - 88 o/ CTR & WJAC  
QL - Sherbrooke - FF u/ WRSK  
QM - Washville - wild preaching occ. mixed w/ WRSK/CMR  
QN - Buffalo - sometimes in BS at night - usually good  
QO - ARABIA - duba - fat bet, sometimes AA talk & m.  
QP - sliding by WYMB around 0300-0310 GMT  
QR - Cincinnati - talk; strong, way o/ Vatican  
QS - Vatican - religious m. // 245, well u/ WNTV;  
QT - back around 0300 GMT

**CJCL 1430**  
AM STEREO

**THE SANGHEAN ATS-803A**

by Graham Maynard.

Technology advancing so rapidly we can easily be forgiven for thinking that designs more than five years old are out of date, but that remains in production and sells well for a time. The longest of a large international family of digital world bandos that are manufactured in Taiwan is the Sangean ICF-2001D, like the Sony ICF-2001D, it becoming a classic in the

66 there have been many versions of this receiver, the same but carry different importers' badges and One of the first, the Samsan AT5803, did not have If passbands; this was closely followed by the Samsan BBS2020, Evox EX33, Sata 53, Matsui MR4099, Samsan TMR7602 and many more. All use the same synthesizer and mixing techniques, though there may be and performance differences; e.g. the MR4099 has a universal roofing filter where the AT5803A has two.

Already good for broadcast listening these portables are improved, especially with regard to tropical band and chuff tuning. Their digital system cannot be enhance poor ergonomics or the basic 1kHz frequency but we can overcome the chuffing annoyance and add it to the list of annoyances by:-

the BFO knob into a +/-2kHz fine tuning control that interpolates the digital steps on AM, LW, MW and SW. For a meter ahead of to avoid splatter.

operative the audio mute to listen whilst scanning the mute switching line to smooth a.g.c. levels so some weak signals may be slowly digitally tuned and average signals may be slowly digitally tuned disturbance. Strong signals still chuff, so no cut here.

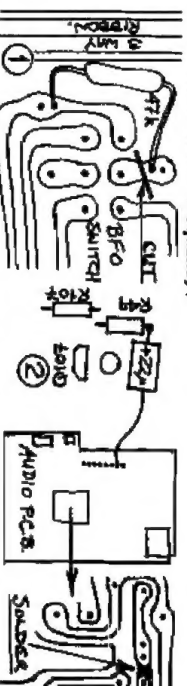
boost LW-MW ferrite antenna sensitivity.

boost AM IF gain with an LC circuit that improves  
1 demodulation.

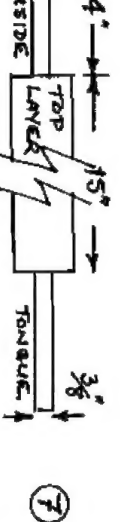
- (c) Lay the radio face down on a soft surface.
  - (d) Remove six back screws - all the same.
  - (e) Gently click the back off and open like a book, setting it flat down on the left. Look out for the fragile white wire between the back mounted telescopic antenna and the internal pcb - for convenience unconnect the antenna tag.
- To re-assemble work in reverse.

## THE MOTOS

- (1) Locate the rear of the BFO switch towards the bottom left beside the flat pcb interconnector. Cut one pcb track with a sharp craft knife and solder in a sub miniature 47k resistor. If necessary trim T11, above the AM filters, with a sharpened matchstick to centre the zero beat on an indicated station frequency.



- (2) Find R49 near the top middle a.g.c. pre-set. Solder a 22uF capacitor between it and pin 2 of the inter pcb 8 way ribbon cable on the right hand audio board. Link two tracks.
- (3) Locate and strip one leg of R72, in the top left back corner to reduce r.f. stage damping without affecting stability. Those who are more adventurous might wish to change C61 at the same time from 220pF to 100pF.
- (4) Solder a series connected 35uH inductor and 4u7F capacitor between R112/4 and R115/6 beside Q121, below a.g.c. pre-set.
- (5) locate R7 above the external antenna switch and carefully solder a 4cm wire link between it and the screening can. Watch out for overload problems - fit a switch if necessary.



underside layer tongue through the handle lug one end  
fold it up and bind tightly with black thread;  
holes near the top ends and bind them tightly in.

once you've tuned in a weak LW, beacon or MW signal  
remember to use the lock button. Below 850kHz, and  
at some other frequencies, this set can annoy by  
picking up its own internal strobe noise. Switching  
the lock to "on" effectively mutes this noise, and  
the new tuning, volume and tone controls may be  
adjusted for comfortable listening.

ents are possible in the form of narrow MW and MW  
55kHz types are OK for AM if T11 is re-tuned to  
and crystal oscillator. However I enjoy my 803A for  
tuning and don't expect to be modifying again.

6 Woodford Avenue, Newtownabbey, N Ireland, BT36 6TL.

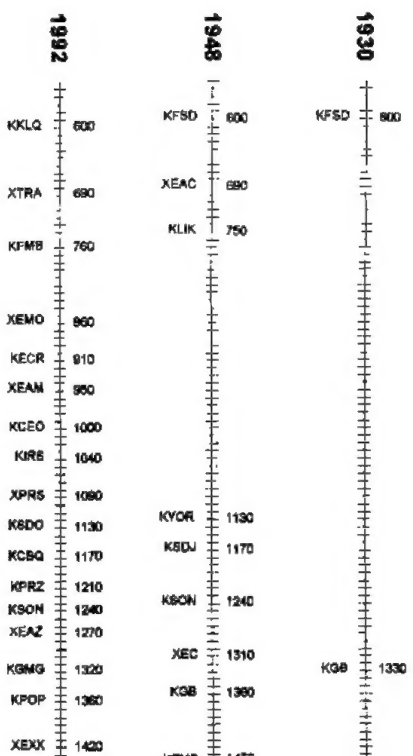
use \* 30 inches square \* lightweight and collapsible \*  
transportable - the loop 26x2x2ins, the box 5x4x3ins \*  
25kHz in five tuned ranges plus 3600kHz to 4400kHz. \*  
for MW reception with good electric field rejection. \*  
activity, approximately 10mV/mV/m at 1MHz into 50 ohms \*  
switched, 4 x 1cm cells, not supplied, life 2000hrs. \*

use signals, weather FAX, LW, marine and Aero Beacons,  
BITEX, MW, telephones, top band, marine comms, 80/75m.

# Now and Then John D. Bowker

Dial changes in AM markets, from 1930 to 1948 to

## SAN DIEGO / TIJUANA MARKET NOTE NO TIJUANA STATIONS IN 1930



Proceedings 1992-93  
Still Available

SS

**Dave Schmidt**  
**Wilmington, DE 19850-1502**  
**P.O. Box 11502**

*Times are local per Mags; submit double-spaced only  
 ... the opinions expressed in this column are those of the individual writer  
 & reflect those of the editors, publishers, or the National Radio Club, Inc.*

BERFIELD DRIVE - NASHUA, NH 03062-1174

Excellent Adventure II: 10/21-25 MARK CONNELLY & I joined JEAN  
 for a DXpedition in Capphayden, NELO. Here are a few hi-  
 social log. MARK is preparing a more detailed report, compila-  
 Why Newfoundland? To indicate what a hotbed it is for DX,  
 on Luxembourg-1440 "Golden 60s" rock music, Radio Moscow-  
 d Saudi Arabia-1521 among other, loud & clear on the car ra-  
 St. John's airport to the Capphayden "DX Inn". Newfoundland  
 E part of NA. Upon our arrival on Thursday evening, Jean &  
 and some beverage wires so we went right to work. 4 rec-  
 long with various phasing/tuning units, Jean on his R71, Mark  
 his R70 & myself on the 2010. The 1st night, I was logging  
 NE network stations on just about every frequency. Spain is  
 to the S stated! But it was still fun to log them all and  
 to compete audio. However, with usually a few stations  
 carrying the same network, the difficult part was to ID tr-  
 enough time for that, too many other stations to hear and  
 other exotic catches that night include Lesotho-1197 & Sao  
 couple hours sleep, it was time to get up and prepare for the  
 More beverages went up, and then the night got off to a  
 of Oman-1242. Argentina's Radio del Plata-1030 was  
 practically non-existent! And persistence paid off with the  
 Tobago, one of my target countries, heard at dawn with Hindu  
 a woman with a heavy Caribbean English accent. The lack of  
 Caribbean reception difficult. Only a couple of hours sl-  
 again, reviewing loggings and preparing antennae for the fil-  
 the dials, I phased the 2 Brazilian beverages to boost the count-  
 with Venezuela-1450 and more Caribbeans to boost the count-  
 effort. 3:30AM NF time and Mark & I were on our way back to  
 our home. By then, 85 countries were logged and Neil & Jean  
 later only about 8 hours sleep over the past 72 hours. I went  
 to bed and didn't wake up until 20 hours later! Thanks to  
 DXpedition, quite an adventure! 73S

BRUCE REYNOLDS - 1617 CORTE DE MEDEA - SAN JOSE, CA 95124  
 -----  
 There's more on the currently silent KEEN-1370. The 1  
 story reports that for bureaucratic and political reasons they were un-  
 id a new transmitter sight on city-owned land they hoped to lease, a  
 plan to "dilex" their signal from the towers of KSAJ-1500. Dave, howe-  
 ectional stations, whose patterns presumably are different, use the s-  
 system? This is a mystery to me. (And me, too. Maybe someone can l  
 systems in NYC with WNYC-820/WNCA-570 & WWRV-1330/WMDJ-970-DMS). At  
 this article estimates they will return to the air as KRSJ 2/94. (Be-  
 taken on that-DMS) KROB-1490 is definitely back on. Heard a coun-  
 ings last week around 7:15AM. No ID caught, but local sports and oth  
 ard. 10/23 the WYLO-540 test was not heard (as expected) but I was a  
 an ID of needed XERA. CBR and many stations from the Midwest were in  
 usual. WGR-720 was occasionally in u/KDMV but I wasn't able to catch  
 think much-wanted KDKA-1020 was the one with a woman talk show host a  
 ight local but I couldn't get them long enough or well enough for an I  
 KRMV nullified, KXYZ and/or KRCN get in the way of KDKA here. 10/24 KSJ  
 apparently having technical problems as they were only intermittently  
 10:30-11:30PM. KSTP & KXAY were heard before I went to bed. Just be-  
 next morning, they were running an open carrier and resumed broadcast  
 hour. 10/25 KZZR-1230 added with a promo for OR Ducks football at 7:  
 confusion on the date, I missed trying for the KATL Test. Additional  
 otball noted includes: NE on KTRB-860, UC-Davis on KSTE-650, UNLV on  
 Reno on KRMW. 73

ELLIOT R. STRAUS - 980 COOPER DRIVE - TONS RIVER, NJ 08753  
 -----  
 Hi gang! Let me give you an example of why DXing is  
 ing. I've been listening every sunset lately. From 10/18-21, Canadi  
 the dial. There was French on about half the frequencies and the Can  
 all over my semi-locals while there was nothing from the W or S. Then  
 sudden on 10/22, there was not a Canadian to be heard and stations we  
 in from GA, VA, MS, AL & FL. It was an unreal S opening! The next n  
 gone and things were just generally average. You just never know what  
 down at the dials what will be going on. That's why I try to at leas  
 out every sunset. My job hours will be changing this month from 5&-2  
 That's going to end the sunset DX which upsets me because sunset has  
 ibly productive for me. Perhaps now I'll try to catch these daytime  
 instead of signing off. Recent veries are in from WIRG (thanks for th  
 WMAN, WXYI, CIGB, WCAT & WCHP. Last spring, I averaged more than a r  
 sent out and I am trying to do it again this fall. I want 1000 veries  
 of the season. Logged my 1800th reception this past week! Do you kno  
 coder going the whole time you are DXing? I do because you never kn  
 thing unique will pop up and if you don't have the tape going, you mi  
 Well, the season has started out strong and it looks like it will be  
 fit those dials gang and the best of DX & 73's from the Big E!

UNIVERSITY STREET - PROVINCETOWN, MA 02567-1703

BILL MOSER - P O BOX 567 - PIERRE, SD 57501

time in the paper and that's that! I have been employed since I was 16 as a driver for a local parts company. Unfortunately, the truck is poor. Locally, WGOB-1600 remains all talk 6a-7p then off. The FM (WMS) was recently sold to a religious group and about a change yet. I recently bought a 92/93 edition of a local bookstore, it's pretty decent. Got to go for

WADYCREST ROAD - PITTSBURGH, PA 15216

main with the rundown of the 7 station visits being CHRIS King our trip to Erie. Beginning Fri 9/3, stopping in Summit Street. News Director Jim Smith offered a fine tour of formatted station in stereo, mentioning they had just gone 24 hours, verisign & GM Jim Thompson passed away 1 year ago, had 42 years! The station also carries Phillies baseball, 10- and is recognized as a leader in Schuylkill County. Just down the hill behind a local hospital is WPAM-1430 in an unmarked parking lot. Account executive Jo Hoffman, a former and Pittsburgh was very interested in our hobby and the NRC. "Old- fashioned over to cities next week (at the time of our visit) and Philadelphia! They also carried Mutual news, Not- basebaseball, Philadelphia Flyers & 76ers Sports. Another 1530 "Good Time Oldies 1530 WMPB" was our 3rd visit. About 15 miles in Shenandoah, PA, their tower can be seen 3 miles away into the valley where the town sits. The small one story transmitter sight is a fair trick to find hidden in a residential area. We want to give up, but we didn't! Varied on the almost for- matted, CE Julian Milewski is out, but greeting us are DJs Rog and. During a remote, Rog mentioned that even the locals have WMRT so we didn't feel so bad. With no times for stops in the rest of the day, even though we ate lunch near the WTKR field, then would return. On our return from Enfield, our 1st date, PA, WMCC-1590/WDNR-95.3. Both the fine studios and 1st floor are the business offices, studios on the 2nd. The AM is country, the FM "Variety 95" having a CHR/AC format disc Pioneer CD system to program it! Only a phone call & the only staffer Rob Gavin that we were interested in WMCC for the 2/92 test as CE John Duda had left the station.

at Rob was leaving the station to start on a fairly new local station to Beech Grove, PA. Back on Route 6, CHRIS CUMMO & I later in downtown Carbondale at 43 7th Avenue and home of WCDL- 101.1 story operation, board op/announcer Tom Flannery kind- s about nostalgic WCDL whose programming is popular in the s varied in 1984. Back on the road and at 4PM, we are in the

DAVE SCHMIDT - P O BOX 11502 - WILMINGTON, DE 19850  
A lot of nice sunset items have been sent along to DAVE his column, even some TA stuff continues to roll in here but after 6 dial is shot due to the line noise problem, even has had to the point listen outside on our patio! My oldest son and myself have been out it in the evening with his DX440 and my FIM41 but haven't had much luck though has beam antenna for the scanner bands has been pointing at the next development!

From what ERC mentioned in his report, it appears the WTKR what I taped running the steady 500 hertz tone, so a copy of that is Grady Moore, who once worked for WYR. We have pulled out of WYR longer working for them; their bill for engineering service got way c some time back, we did manage to secure all of the reports (which were from the WYR DX TEST, so we can say that verities will be coming on the owed. It appears that the electric company has been out here, in a r sation with their interference problem stuff, they advised me of 2 net areas within a block of here. But they are still planning on coming down the evening noise we're still having starting around 6 PM. Watch in season, watch for these daytimers/low power operations running local coming in at amazing signal levels! If you report them, ask them why strong that night but never heard in the past! That's it....CUNT and may be at RAY ARKUN's on the 20th (?) 73's

## College Sports Networks

Network listings for team sports stations

Rick Dau

333 Church St., #14

Iowa City, IA 52245-1912

Another edition of College Sports Networks is underway for here are some major stations on which football can be heard th

CA-FCB-A Golden Bears  
IL-JFK Hoosiers  
ICH, ICH-KEYS (Valmer Network)  
(Iowa Sports Network)  
CAK-610  
WQO-1190 Jon Starkey, Lee Gr  
WMC-1040 Max Sk  
WKT-600 Joe Zabel, Ed  
WTL-1540 Proby Patchell, M  
WTL-58C Bob Davis, Max  
WTL-58C Bob Davis, Max